## Supporting information for "An Effective Synthesis of Bromoesters from Aromatic Aldehydes Using Tribromide Ionic Liquid Based on L-prolinol as Reagent and Reaction Medium under Mild Conditions"

Weiliang Bao\* and Zhiming Wang

Department of Chemistry, Zhejiang University, Xi Xi Campus, Hangzhou, Zhejiang,

310028, P. R. China

wbao@hzcnc.com

## **General Experimental Methods:**

All reagents and solvents were pure analytical grade materials purchased from commercial sources and were used without further purification, if not stated otherwise. All melting points are uncorrected. The NMR spectra were recorded in CDCl<sub>3</sub> or DMSO- $d_6$  on a 400 MHz instrument with TMS as internal standard. IR spectra were taken as KBr plates. All reactions were carried out under atmosphere, if not stated otherwise. The enantiomeric excesses of the chiral products were detected by chiral HPLC in Chinese Acad. Sci., Shanghai Inst. Org. Chem., State Key Lab Organomet. Chem.



















80

PD: 2.0 sec

60

OF1: 12439.6 NA: 151

40

LB: 0.0

20

USER: chen -- DATE: Dec 31 09:51:26 2005 "MET (UT+1h) chen@[ PTS1d: 32768

OPPM

WinNuts - \$1.1

120

F1: 100.612 EX: zgdc30